

FIG. 1

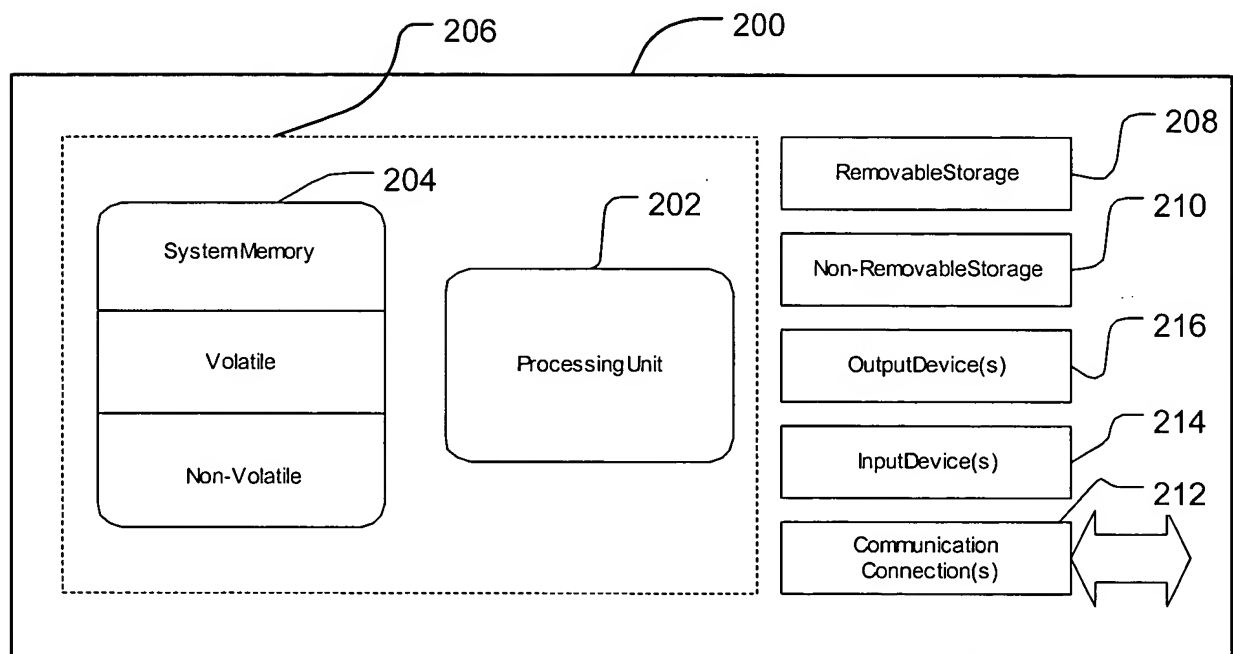


FIG. 2

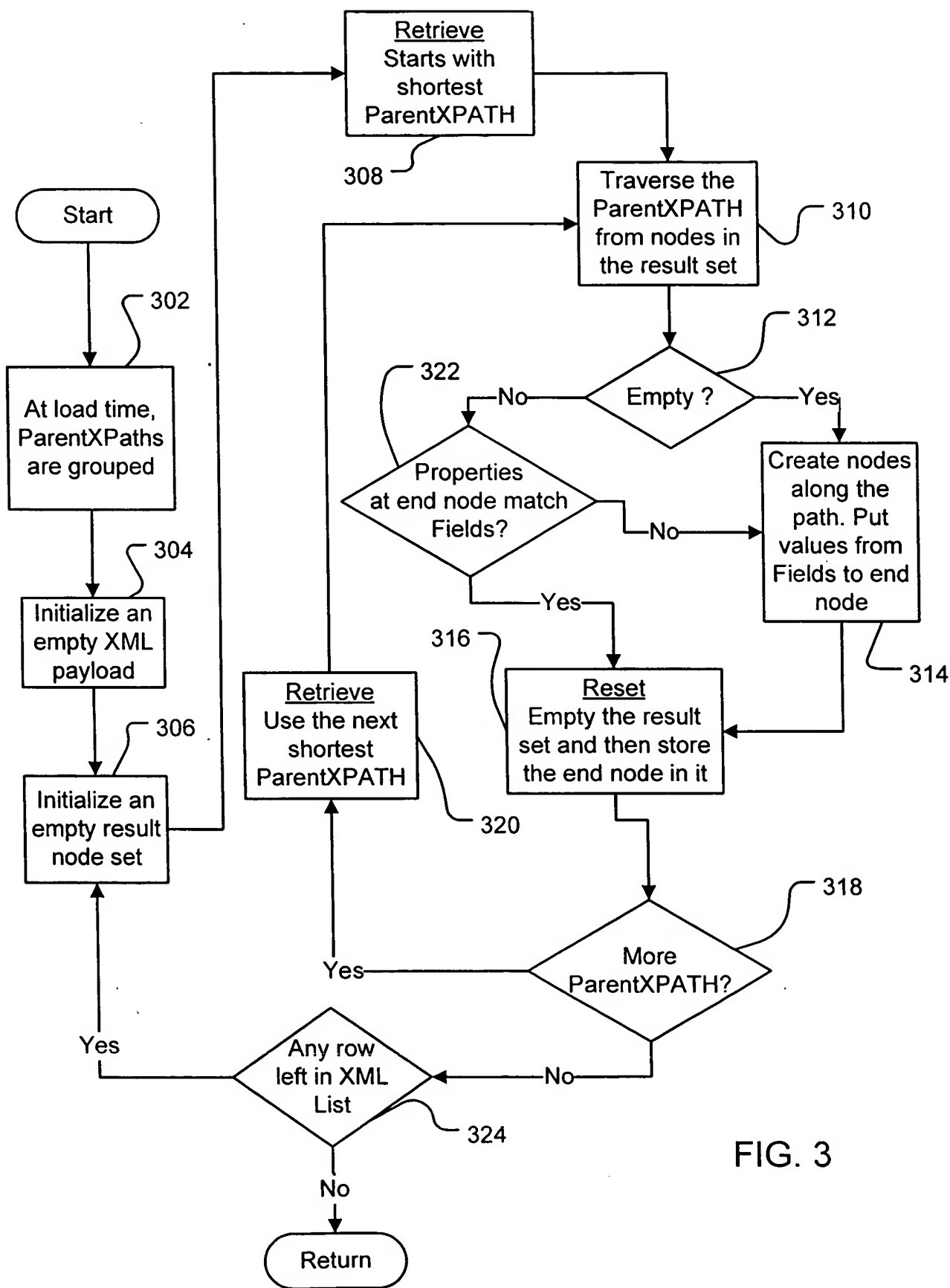


FIG. 3

412 414 416 418

404 406 408 410

	A	B	C	D	E
1	name	DepartmentID	name2	PersonID	
2	Engineering	1001	John	20001	
3	Engineering	1001	Peter	20002	
4	Human Resource	1002	Corey	20003	
5	Human Resource	1002	Pat	20004	
6					
7					
8					

402

FIG. 4
Exemplary Input Data

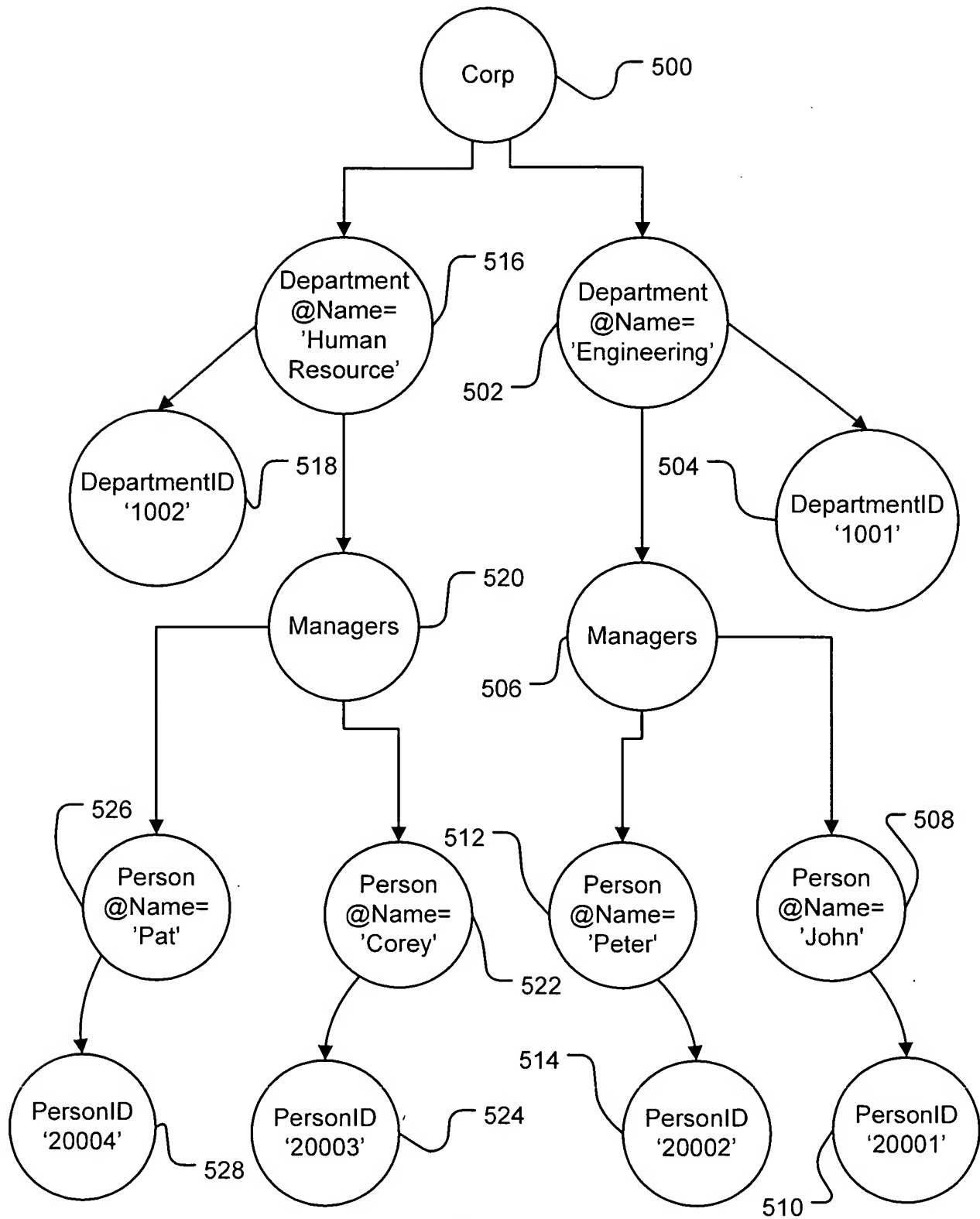


FIG. 5

```
<Corp>
  <Department name="Engineering">
    <DepartmentID>1001</DepartmentID>
    <Managers>
      <Person name="John">
        <PersonID>20001</
PersonID>
      </Person>
      <Person name="Peter">
        <PersonID>20002</
PersonID>
      </Person>
    </Managers>
  </Department>
  <Department name="Human Resource">
    <DepartmentID>1002</DepartmentID>
    <Managers>
      <Person name="Corey">
        <PersonID>20003</
PersonID>
      </Person>
      <Person name="Pat">
        <PersonID>20004</
PersonID>
      </Person>
    </Managers>
  </Department>
</Corp>
```

FIG. 6
XML Payload